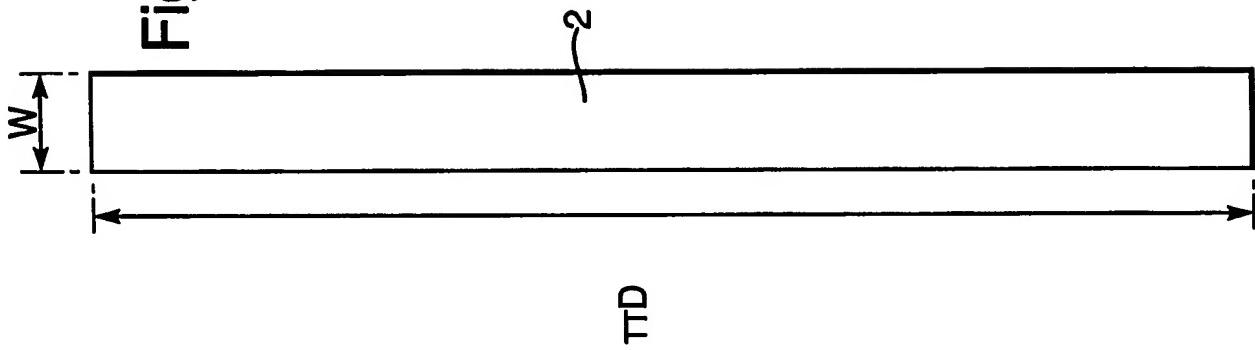
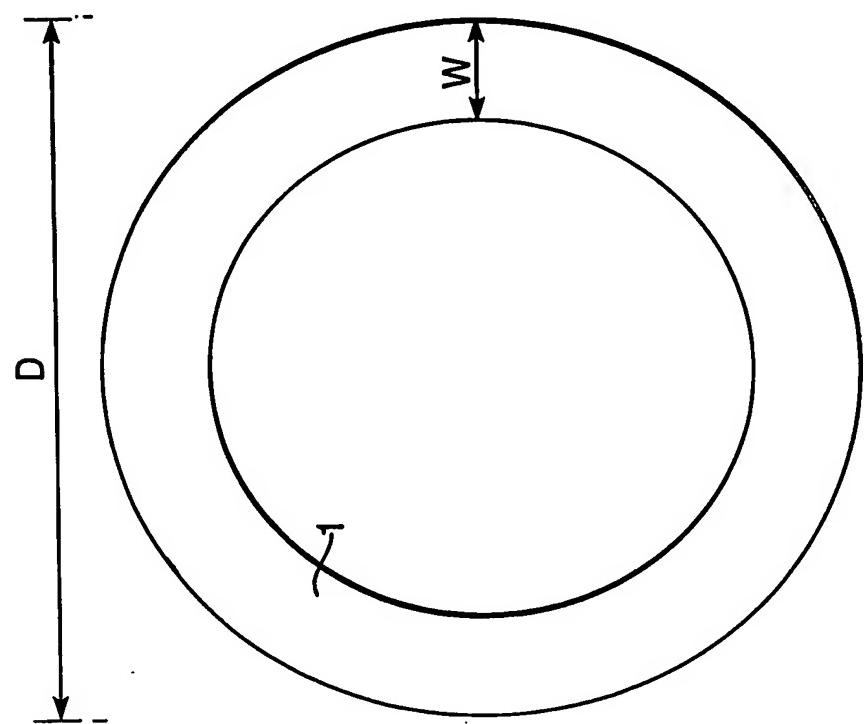
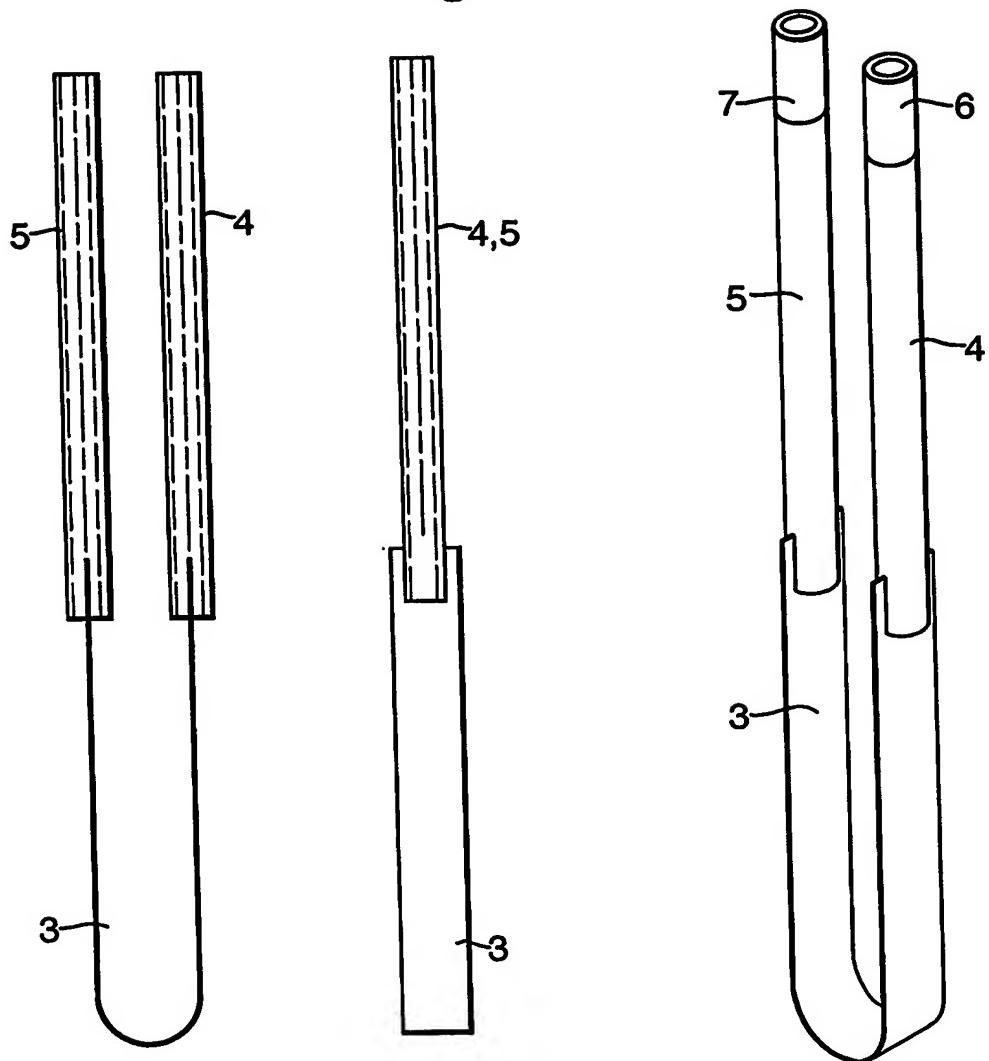


1/4

Fig.2.**Fig.1.**

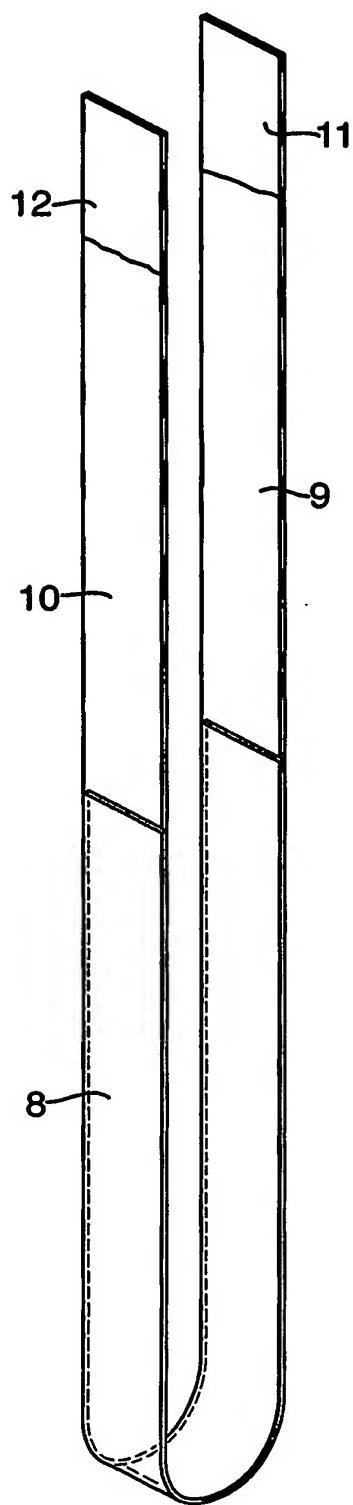
2/4

Fig.3.

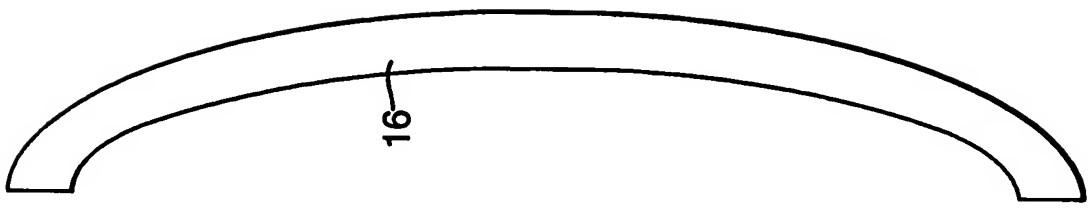
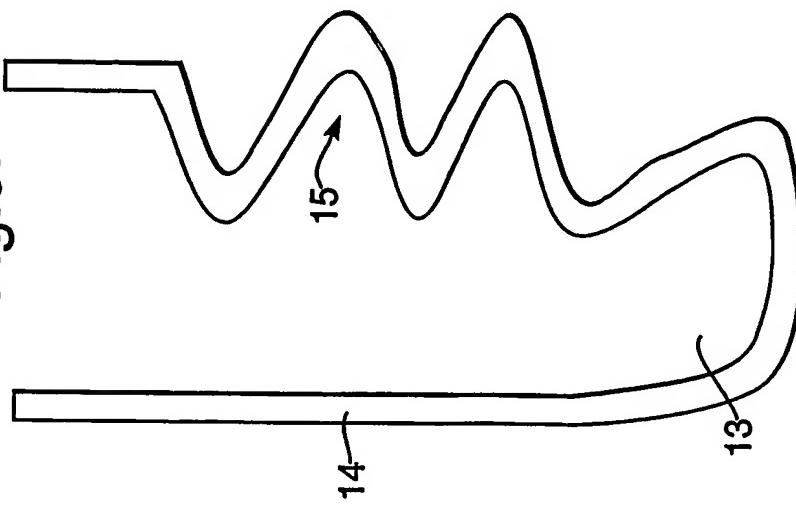


3/4

Fig.4.



4/4

Fig.6.**Fig.5.**

INTERNATIONAL SEARCH REPORT

tional Application No

.../GB2004/003106

A. CLASSIFICATION OF SUBJECT MATTER
 IPC 7 H05B3/58 H05B3/14 H05B3/64

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
 IPC 7 H05B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 4 272 639 A (BECK JACOB H) 9 June 1981 (1981-06-09) the whole document -----	1-17
X	GB 1 497 871 A (CARBORUNDUM CO) 12 January 1978 (1978-01-12) the whole document -----	1-17
X	US 3 964 943 A (ANDERSEN NIELS LERVAD) 22 June 1976 (1976-06-22) the whole document -----	1-17
X	DE 11 24 166 B (SIEMENS PLANIAWERKE AG) 22 February 1962 (1962-02-22) the whole document -----	1-17

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

* Special categories of cited documents :

- "A" document defining the general state of the art which is not considered to be of particular relevance
- "E" earlier document but published on or after the International filing date
- "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- "O" document referring to an oral disclosure, use, exhibition or other means
- "P" document published prior to the International filing date but later than the priority date claimed

- "T" later document published after the International filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- "Z" document member of the same patent family

Date of the actual completion of the International search

5 October 2004

Date of mailing of the International search report

14/10/2004

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
 NL - 2280 HV Rijswijk
 Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
 Fax: (+31-70) 340-3016

Authorized officer

Garcia, J

INTERNATIONAL SEARCH REPORT

Information on patent family members

National Application No

/GB2004/003106

Patent document cited in search report	Publication date		Patent family member(s)		Publication date
US 4272639	A	09-06-1981	CA DE FR GB JP NL	1114877 A1 3026496 A1 2463564 A1 2056229 A ,B 56063791 A 8004400 A	22-12-1981 19-02-1981 20-02-1981 11-03-1981 30-05-1981 03-02-1981
GB 1497871	A	12-01-1978	DE FR JP JP JP	2501894 A1 2258695 A1 1136794 C 50102892 A 57018682 B	24-07-1975 18-08-1975 28-02-1983 14-08-1975 17-04-1982
US 3964943	A	22-06-1976	NONE		
DE 1124166	B	22-02-1962	NONE		